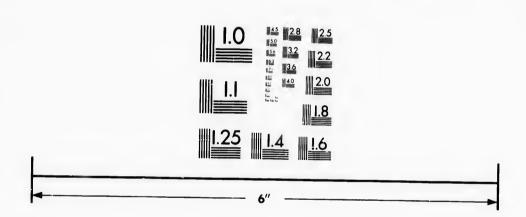


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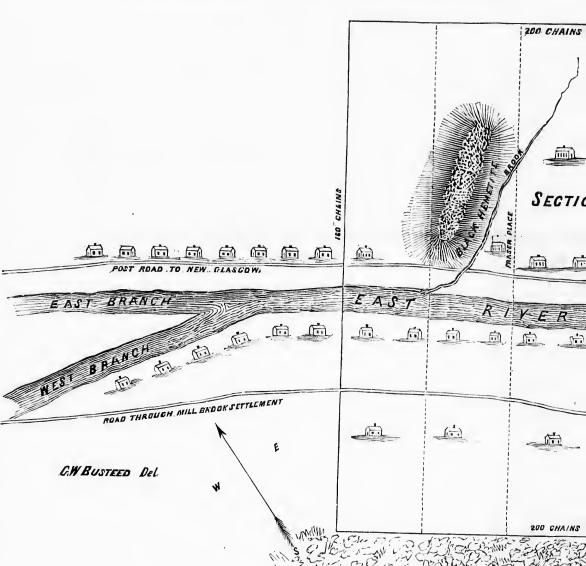
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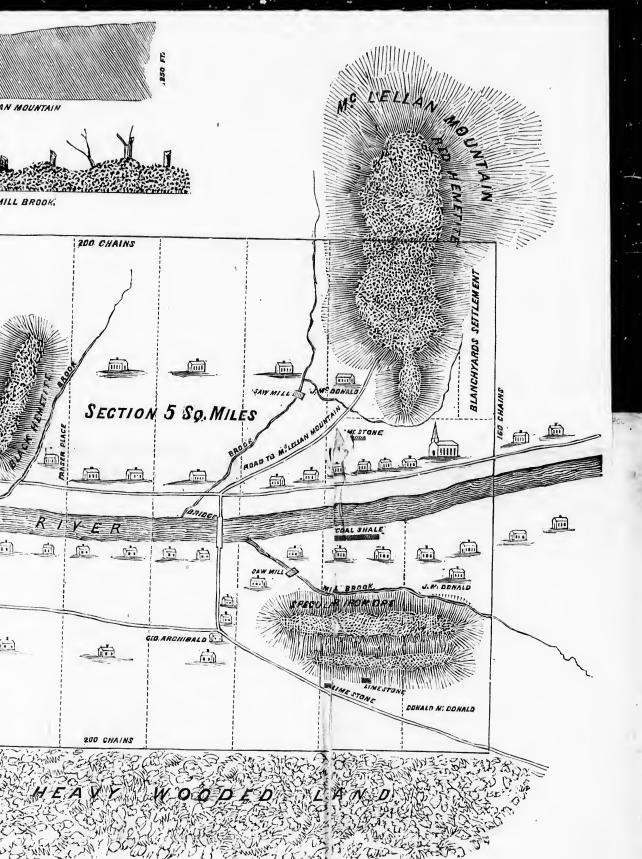
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### CONSTITUTION

AND

#### BY-LAWS

OF THE

### EAST RIVER IRON AND COAL COMPANY,

ON MILL BROOK, PICTOU CO., N. S.

WITH A DESCRIPTION OF THE MINES AND THEIR SURROUNDINGS.

THE GREAT SPECULAR ORE BED AND COAL FIELD.

BOSTON:

J. E. FARWELL AND COMPANY, PRINTERS,
37 CONGRESS STREET.

1864.

#### BOARD OF OFFICERS.

J. E. FARWELL, PRESIDENT, 37 CONGRESS STREET.

WINSLOW S. KYLE, VICE-PRESIDENT, 9 STATE STREET.

EDMUND G. LUCAS, TREASURER.
PHOENIX BUILDING.

ABIEL ABBOTT, SECRETARY AND ATTORNEY, 9 STATE STREET.

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#### DESCRIPTION OF THE MINES, ETC.

THE EAST RIVER IRON AND COAL COMPANY (embracing an area of two and a half square miles) was organized in September, 1863, under the General Laws of Massachusetts, with a capital of \$300,000, divided into 6,900 shares of \$50 each. \$100,000 (or 2,000 shares) to remain in the Treasury for working capital, and to provide against assessments.

These Mines are located on Mill Creek, in Pictou County, N. S., in the immediate neighborhood of East River, and twelve miles from the seaport town of New Glasgow, where shipping can be obtained.

The quantity of ore is considered as inexhaustible, and the quality excellent for making wrought iron, (as seen by Dr. Jackson's Analysis, which is  $58_{1}$  pure metallic iron.) About eight tons of good ore was taken from the surface, which will probably be richer as it is worked down into. It is easily mined and can be transported to shipping on very advantageous terms.

Several commodious sawmills, of easy access, are in close proximity, which can execute all orders at very low prices, and timber can be obtained at moderate rates.

There are also large and convenient houses in the immediate neighborhood, where persons can obtain board at low prices.

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Water and fuel are of easy access, and the expenses of mining are remarkably low. Its streams and forests furnish, with but little ontlay, an abundant supply of both water and fuel.

There are sure indications of coal in great abundance on the land belonging to the Company, which can probably be mined and delivered at one dollar and fifty cents per ton, after the mines are opened.

Albion Coal costs \$3.50 per ton, delivered. This coal is of a superior quality for manufacturing purposes, and two tons are sufficient to manufacture one ton of iron.

There are two excellent roads from the mines to New Glasgow.

The entire cost of putting up four farnaces, with all necessary machinery, tools, &c., capable of manufacturing eight tons of iron per day, will not exceed \$18,000.

The whole cost of mining, manufacturing, use of tools, royalty on patent, freight on iron to Boston, tariff, and all other expenses, will not exceed, in our opinion, twenty-five dollars per ton.

The present price of iron is from eighty to ninety dollars per ton, depending upon its quality.

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At \$80 per ton the net profit would be \$55.00 per ton, making a yearly profit of \$132,000 in operating with four furnaces only.

We have caused a specimen of the ore to be assayed by Dr. Charles T. Jackson, the State Assayer, who has furnished us with the following certificate:—

REPORT OF DR. CHARLES T. JACKSON, STATE ASSAYER.

Boston April 12, 1864.

TO THE PRESIDENT AND DIRECTORS OF THE EAST RIVER IRON AND COAL COMPANY.

GENTS: I received from you a mass of Micaceous Specular Iron Ore mixed with silicious rock, and have, as you requested, made an analysis of the ore, picked clean as it can be from the rock, and have obtained the following results per cent:—

Per Oxide of Iron,	83
Insoluble rock and a little Titanic Oxide,	16
$\mathbf{Loss}$	$\begin{array}{c} -\overline{}\\ 99\\ 1\end{array}$
	100

83 per oxide, contains 58 1 metallic iron.

Yours respectfully,

C. T. JACKSON, M. D.

State Assayer.

Attention is also called to the following letter from Mr. Harrington Hinckley, (a gentleman who has had over thirty years experience in the iron business,) and has built one furnace in Nova Scotia, and therefore knows the probable cost of labor and materials in this locality.

TO THE PRESIDENT AND DIRECTORS OF THE EAST RIVER, N. S. IRON AND COAL COMPANY:—

Gents: In relation to your East River Specular Iron Ore Mine in Pictou County, Nova Scotia, and my observation of the same, I would say that I visited that country in June last, 1863, and found the Red Hæmatite Ore Deposit on the northeasterly side of the East River to be of vast extent, of which I procured a quantity for my employers.

This Deposit lays about 12 miles from New Glasgow, N. S., at the head of navigation. There is a good county road up the easterly side of E. River to this mine, it being about two miles from the River, or River Road. This mine being open to view, directly opposite on the southwesterly side of E. River, say three miles distant from this bed, I found the Specular Iron Ore, being about one mile from the river and road, on the westerly side leading to tide-water also.

This Deposit does not erop out, it being a large field, and, on opening the earth in different places, say from one to four feet deep, the same material, or ore, was found in a solid body, slightly covered with earth. It is easy to be mined, by blasting in part, on the top; but I should think, as you sink down below the action of all frost, it would be more solid. A portion of what I took out of this mine was, say five or six feet from the surface, ore having been taken out years before.

The present road from the river, is at right angles from the river road. A good easy grade from the mine, in direction of the tide-water, can be built, to intersect with the river road, say three miles below, which would be a good working road. Between both these mines and the Picton Coal Mines, are

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several water powers on the Main E. River; therefore, by earting coal, three, four, or five miles up river to the power, and earting the ore down to meet at a point selected for the works, would be the most natural and best course.

The Pictou Coal Mining Company have a railroad six miles to the deep navigable water, which they term "Loding Ground;" the distance from this deep water to the ore mines, either side, is 16 to 17 miles including the railroad.

As it regards charcoal, I was informed by the inhabitants near the mines, that unbroken forests come to the head of the river tier of lots, which run back one mile from the river.

This is the ease up river, but as you go down towards tidewater the country is more cleared further back, and wood more searce. The mill owners on the East River, state that they have been obliged to stop some of their works for a month or so, in some seasons; but could saw logs or grind grain all the season by stopping factory, &c.

The captain of a steamer, running from New Glasgow to Picton, stated that nine feet, at high water, was all that could be depended upon from the loding ground 4½ miles up to New Glasgow; thus small vessels only, go above the loding ground.

Rough building stone is plenty, and red brick is made near the Coal Mines. Cost about \$7 per 1000 last June.

Yours with respect, H. HINCKLEY.

Boston, April 15, 1864.

For a more extended description of these Mines, we would refer to Jackson and Alger's Report of the "Mineralogy and Geology of a part of Nova Scotia," in Silliman's Journal for 1829, vol. 15, p. 132, and vol. 14, p. 330.

When the present and prospective demand for iron

in this country, the richness and inexhaustible quantity of our ore, and the low cost of its manufacture is considered, no argument is needed to show the safety and great value of investments in this Company.

Specimens of the ore can be seen at the office of W. S. KYLE, No. 9 State Street.

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### CONSTITUTION AND BY-LAWS

OF THE

## EAST RIVER IRON AND COAL COMPANY.

Articles of Association of the East River Iron and COAL COMPANY, made this first day of September, 1863, by and between the several persons who have hereto subscribed their names and affixed their seals. Whereas, the parties to these presents have agreed to associate together, for the purpose of prosecuting mining operations, and the manufacture of pig iron, and selling iron ore, coal, and other minerals, to be extracted from the Company's mines, Pietou County, Nova Scotia,

Now, therefore, in consideration of the premises, and in order more efficiently to prosecute such business, the parties hereto subscribing agree that the following shall be the Articles of Mutual Association: —

Art. 1. This Association shall be called the East River IRON AND COAL COMPANY.

ART. 2. The property of this Association shall be divided into six thousand shares, of fifty dollars each, not subject to assessment. One hundred thousand dollars thereof shall be put into the Treasury for the purpose of prosecuting the business of the Company.

ART. 3. The funds and property of this Association shall be vested in the Company, and no money shall be disbursed except by direction of the Board of Directors; and no act shall

a- $^{\mathrm{1d}}$  be binding on the Company unless authorized by a majority of the Board of Directors, at a meeting regularly called.

ART. 4. The officers of this Association shall consist of a President, Vice-President, Treasurer, and Secretary, who may be Directors, and with eleven others shall constitute the Board of Directors, and who shall be chosen annually, and meet quarterly on the first Monday of September, December, March, and June, of each year, in a place to be hereafter provided, due notice of which shall be given, for the transaction of business.

ART. 5. The Secretary shall call a Stockholders' meeting on the first Monday of September, 1864, and each year afterwards, at which meeting the past year's transactions shall be laid before them, (due notice of which meeting shall be given the Stockholders by the Secretary.) Each Shareholder shall be entitled to one vote for every share of stock he may hold, and absent members may vote by proxy when said proxy shall produce his anthority in writing.

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ART. 6. The Secretary shall keep a book in which the names of all the Shareholders shall be registered, with the number of Shares held by each; and he shall issue Certificates of Shares under the hands of the President and Treasurer in the form hereto annexed:—

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AST RIVER

ART. 7. Any Director shall have the power to call a Special Meeting of the Stockholders or of the Board of Directors, at any time he may think proper, for the transaction of any business that may require expedition not consistent with the regular meetings.

ART. 8. Whenever any officer shall resign, the Board of Directors may receive his resignation and fill his vacancy.

ART. 9. The Board of Directors are authorized to expend all moneys, and dispose of all property belonging to the Company, but not to contract debts when money is not in the treasury with which to pay the same. They may also pay the officers a reasonable sum for their services, and employ agents and operatives, and erect such works for the benefit of the Company as they may think expedient.

ART. 10. These By-Laws may be amended or altered at any regular meeting of the stockholders by a two thirds vote.

ART. 11. The several persons parties to this instrument do hereby grant and eonvey to the East River Iron and Coal Company all their right, title, and interest in the above mines, under the provisions above specified.

Witness our hands and seals this first day of September, A. D. 1863.

G. W. BUSTEED, J. E. FARWELL, A. G. TREADWELL, W. S. KYLE.

Witness: ABIEL ABBOTT.

